

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022724\
 Data File : BN030088.D
 Acq On : 27 Feb 2024 11:40
 Operator : MA/JU
 Sample : PB159230BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB159230BL

Quant Time: Feb 28 00:18:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 02:39:45 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	3270	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	7850	0.400	ng	0.01
13) Acenaphthene-d10	14.511	164	3295	0.400	ng	0.02
19) Phenanthrene-d10	17.293	188	5776	0.400	ng	# 0.04
29) Chrysene-d12	21.474	240	4789	0.400	ng	0.02
35) Perylene-d12	23.832	264	4509	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.428	112	3439	0.438	ng	0.00
5) Phenol-d6	7.031	99	3180	0.351	ng	0.00
8) Nitrobenzene-d5	9.035	82	2727	0.417	ng	0.02
11) 2-Methylnaphthalene-d10	12.257	152	3776	0.353	ng	0.01
14) 2,4,6-Tribromophenol	16.064	330	279	0.264	ng	0.06
15) 2-Fluorobiphenyl	13.143	172	4643	0.328	ng	0.02
27) Fluoranthene-d10	19.313	212	6625	0.474	ng	0.02
31) Terphenyl-d14	19.912	244	4935	0.415	ng	0.01

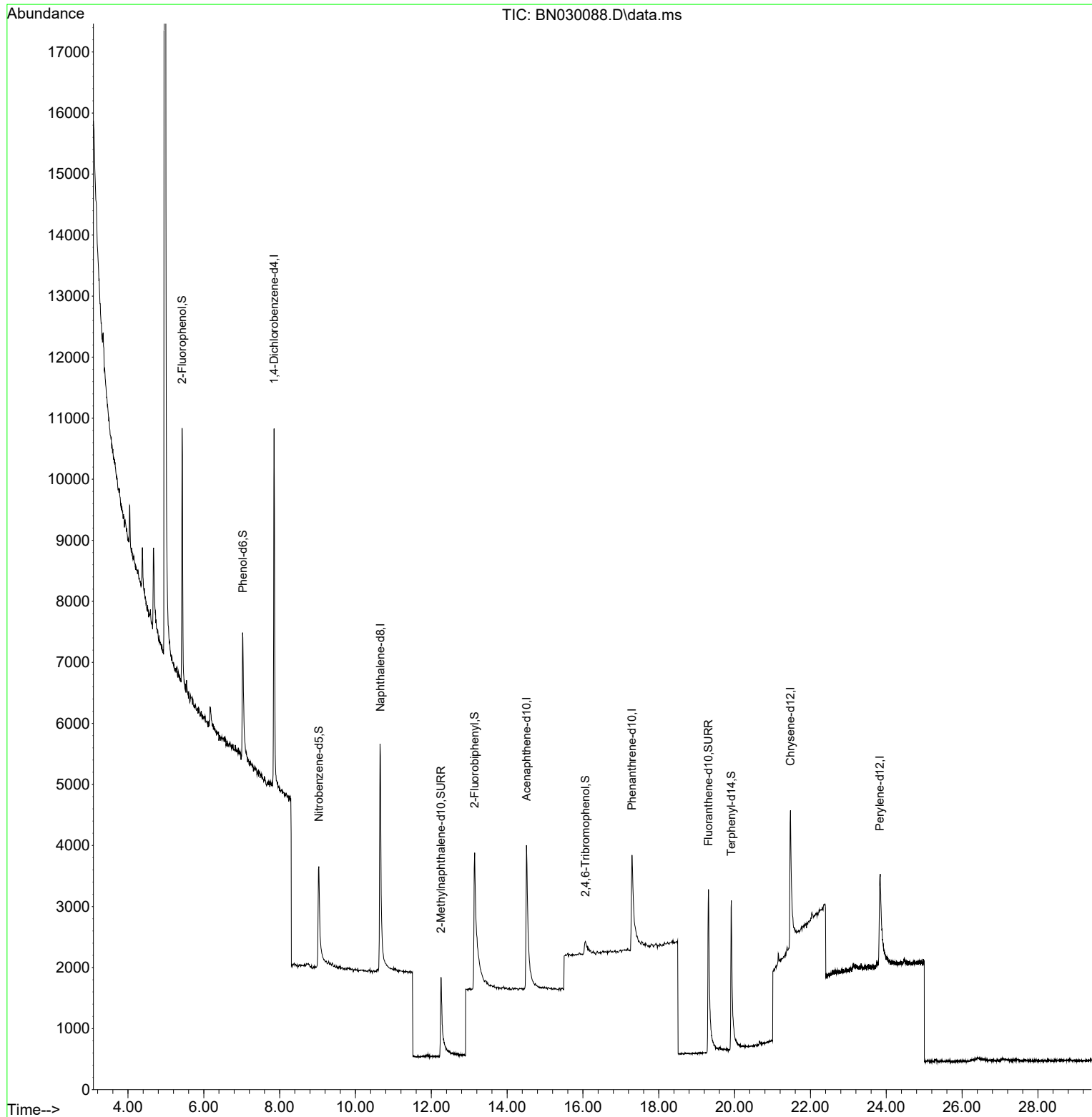
Target Compounds Qvalue

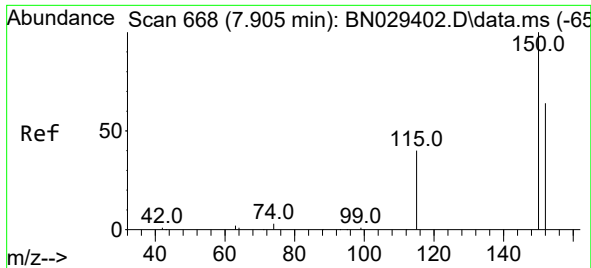
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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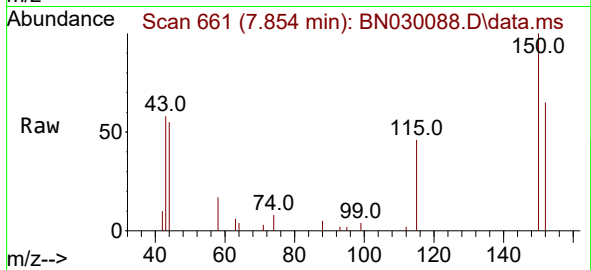
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 02:39:45 2024
Response via : Initial Calibration



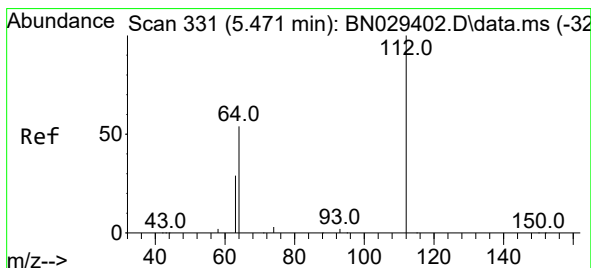
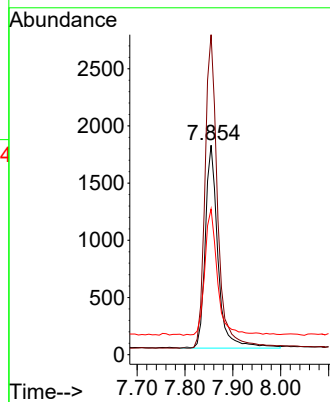
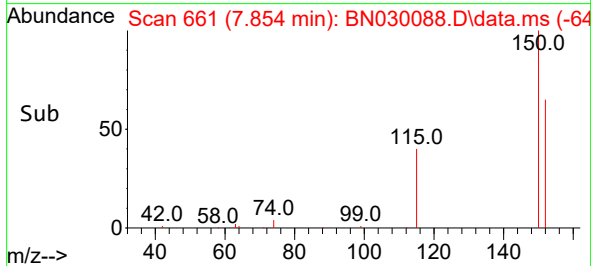


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 668
Delta R.T. 0.000 min
Lab File: BN030088.D
Acq: 27 Feb 2024 11:40

Instrument :
BNA_N
ClientSampleId :
PB159230BL

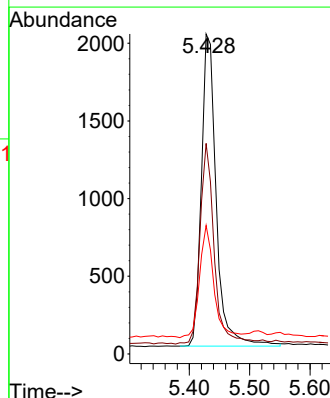
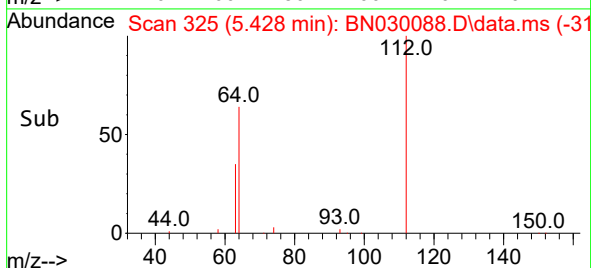
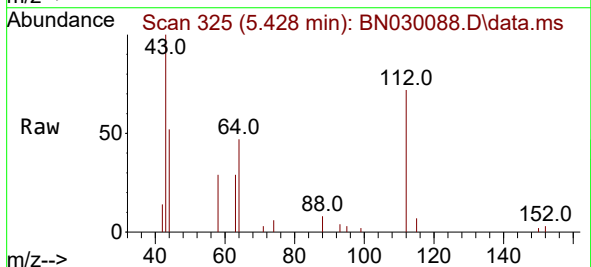


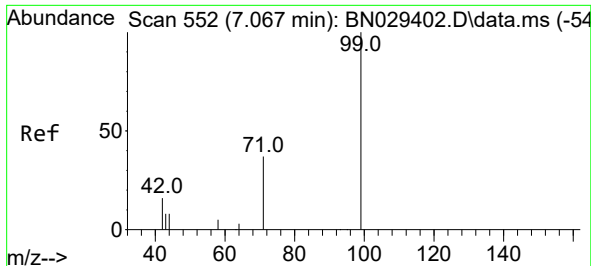
Tgt Ion:152 Resp: 3270
Ion Ratio Lower Upper
152 100
150 152.7 123.0 184.4
115 69.5 51.4 77.0



#4
2-Fluorophenol
Concen: 0.438 ng
RT: 5.428 min Scan# 325
Delta R.T. 0.000 min
Lab File: BN030088.D
Acq: 27 Feb 2024 11:40

Tgt Ion:112 Resp: 3439
Ion Ratio Lower Upper
112 100
64 62.1 47.2 70.8
63 34.4 25.8 38.6

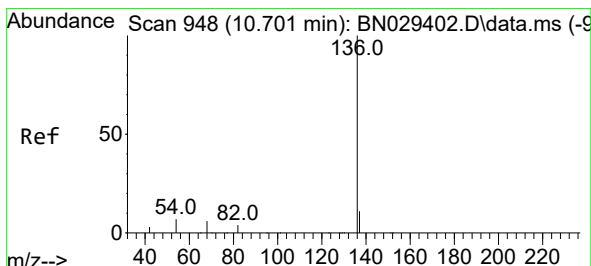
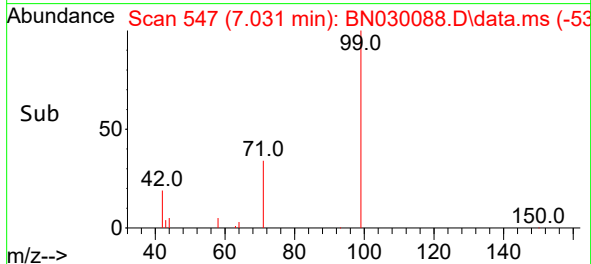
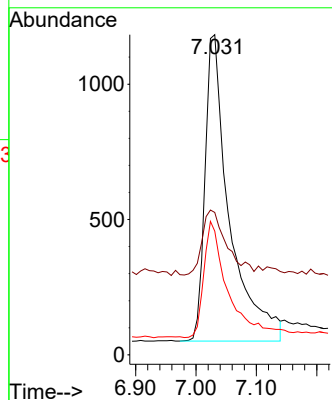
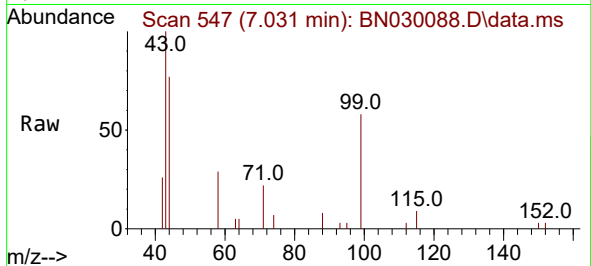




#5
Phenol-d6
Concen: 0.351 ng
RT: 7.031 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN030088.D
Acq: 27 Feb 2024 11:40

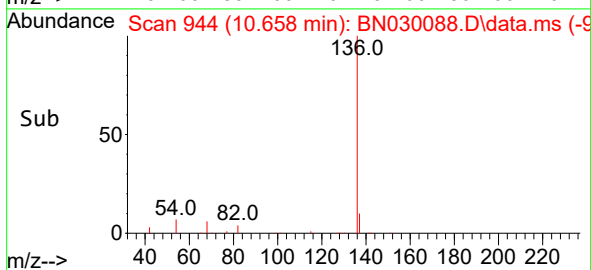
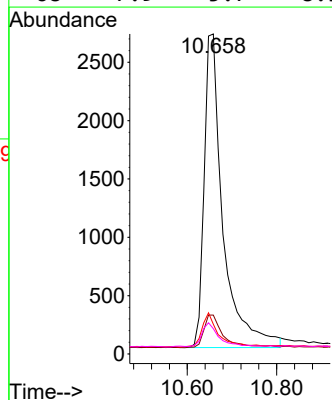
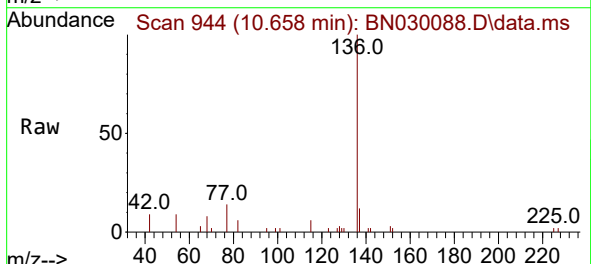
Instrument :
BNA_N
ClientSampleId :
PB159230BL

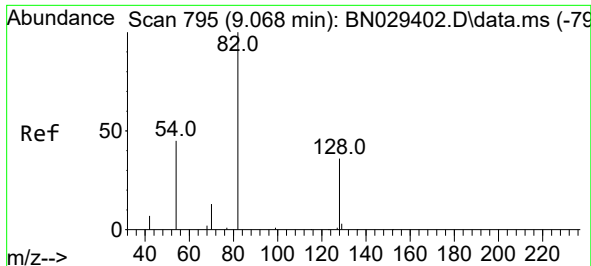
Tgt Ion: 99 Resp: 3180
Ion Ratio Lower Upper
99 100
42 21.2 16.9 25.3
71 37.7 30.0 45.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. 0.011 min
Lab File: BN030088.D
Acq: 27 Feb 2024 11:40

Tgt Ion: 136 Resp: 7850
Ion Ratio Lower Upper
136 100
137 12.2 9.7 14.5
54 9.3 6.6 10.0
68 7.9 5.7 8.5

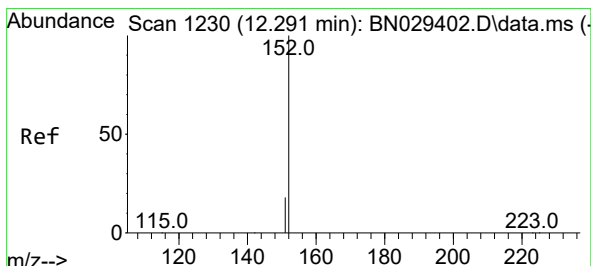
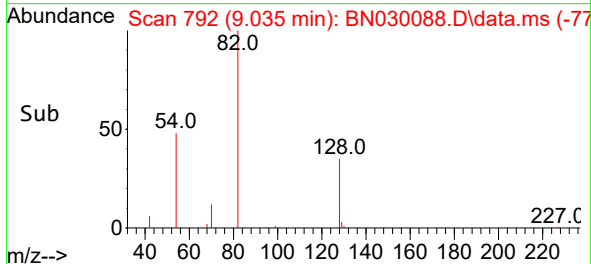
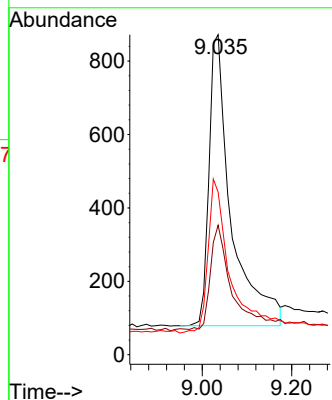
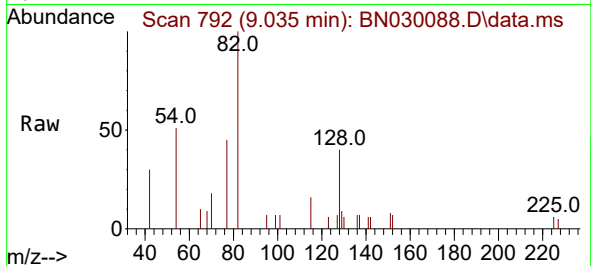




#8
Nitrobenzene-d5
Concen: 0.417 ng
RT: 9.035 min Scan# 795
Delta R.T. 0.021 min
Lab File: BN030088.D
Acq: 27 Feb 2024 11:40

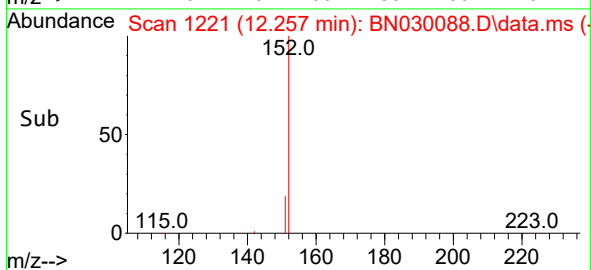
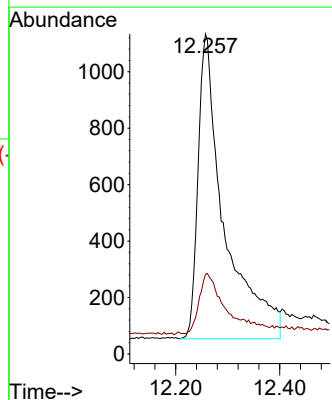
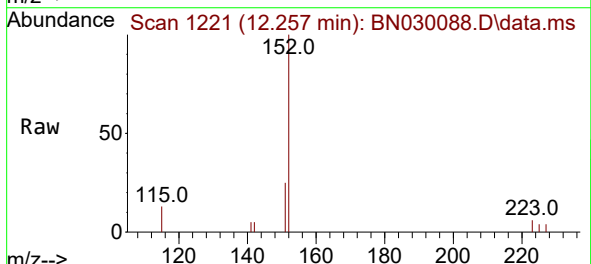
Instrument :
BNA_N
ClientSampleId :
PB159230BL

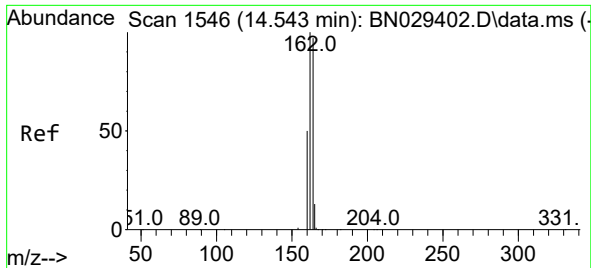
Tgt Ion: 82 Resp: 2727
Ion Ratio Lower Upper
82 100
128 40.5 31.6 47.4
54 50.8 38.2 57.4



#11
2-Methylnaphthalene-d10
Concen: 0.353 ng
RT: 12.257 min Scan# 1221
Delta R.T. 0.011 min
Lab File: BN030088.D
Acq: 27 Feb 2024 11:40

Tgt Ion: 152 Resp: 3776
Ion Ratio Lower Upper
152 100
151 20.7 17.1 25.7

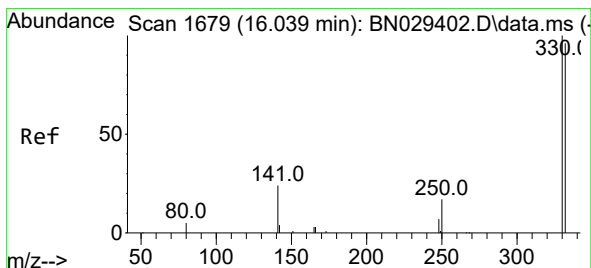
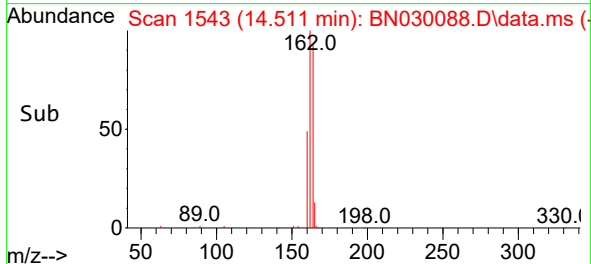
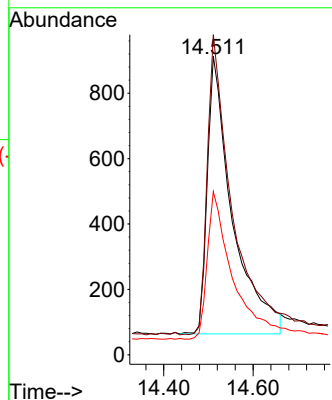
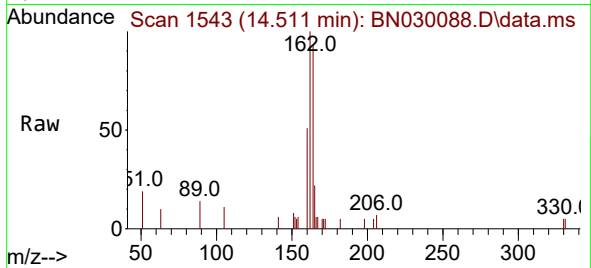




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.511 min Scan# 11
Delta R.T. 0.021 min
Lab File: BN030088.D
Acq: 27 Feb 2024 11:40

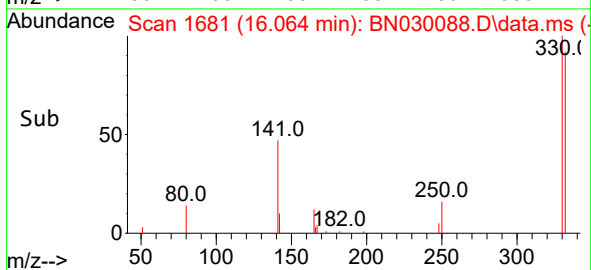
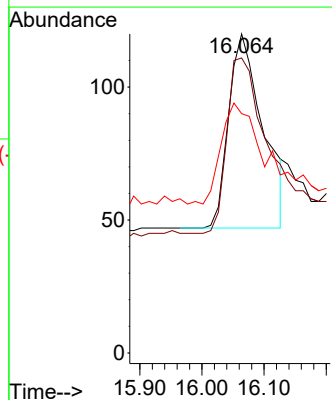
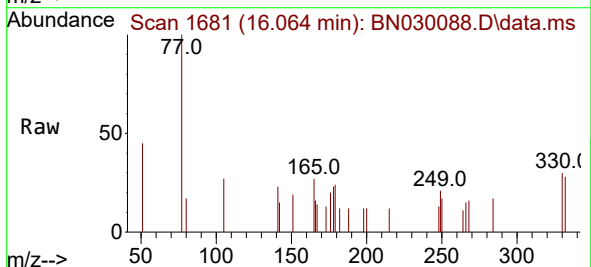
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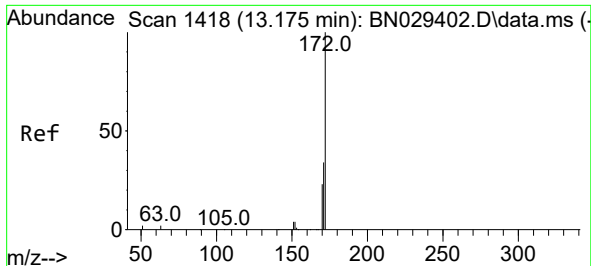
Tgt Ion:164 Resp: 3295
Ion Ratio Lower Upper
164 100
162 107.2 82.6 123.8
160 54.7 41.5 62.3



#14
2,4,6-Tribromophenol
Concen: 0.264 ng
RT: 16.064 min Scan# 1681
Delta R.T. 0.062 min
Lab File: BN030088.D
Acq: 27 Feb 2024 11:40

Tgt Ion:330 Resp: 279
Ion Ratio Lower Upper
330 100
332 98.9 76.0 114.0
141 60.9 43.4 65.2





#15

2-Fluorobiphenyl

Concen: 0.328 ng

RT: 13.143 min Scan# 1418

Delta R.T. 0.021 min

Lab File: BN030088.D

Acq: 27 Feb 2024 11:40

Instrument :

BNA_N

ClientSampleId :

PB159230BL

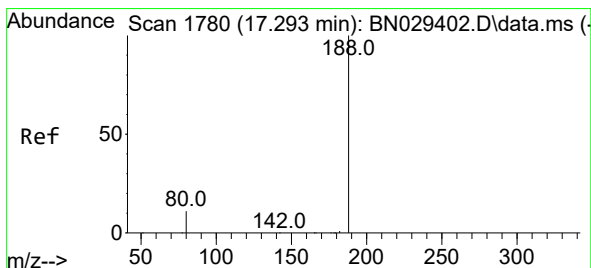
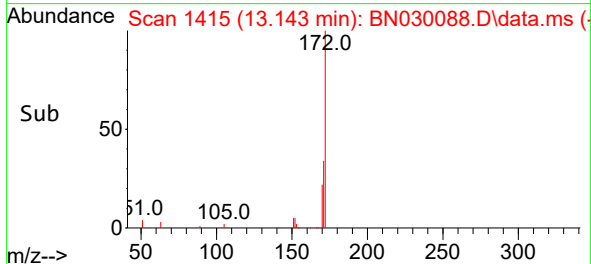
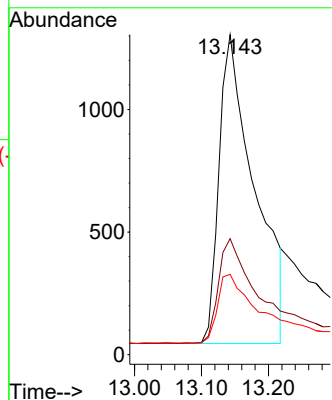
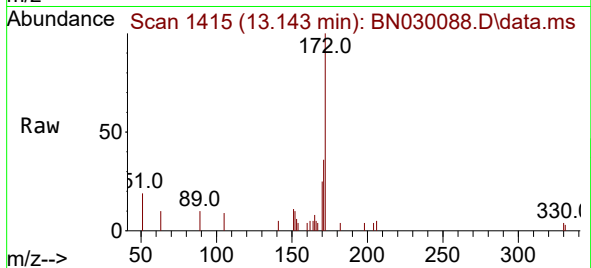
Tgt Ion:172 Resp: 4643

Ion Ratio Lower Upper

172 100

171 36.2 28.0 42.0

170 25.1 18.7 28.1



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.293 min Scan# 1780

Delta R.T. 0.037 min

Lab File: BN030088.D

Acq: 27 Feb 2024 11:40

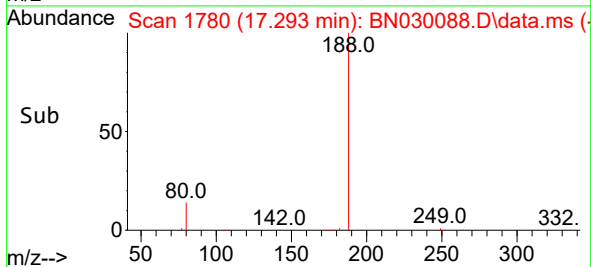
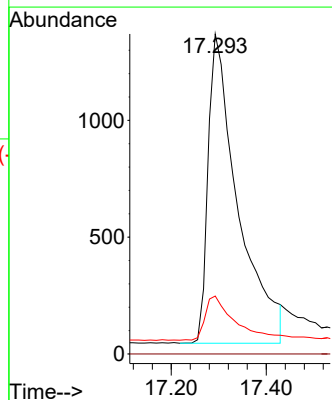
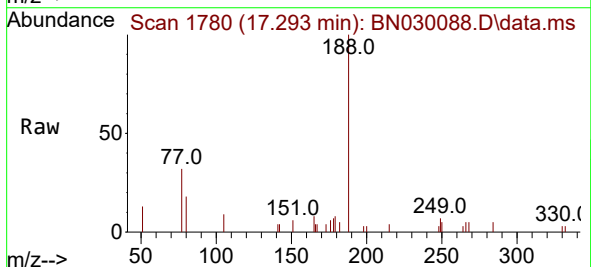
Tgt Ion:188 Resp: 5776

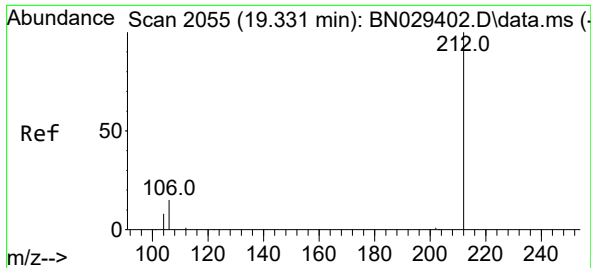
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 18.1 10.0 15.0#

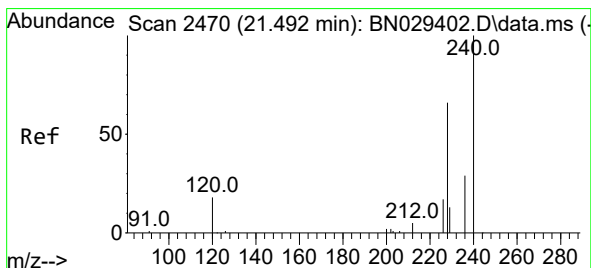
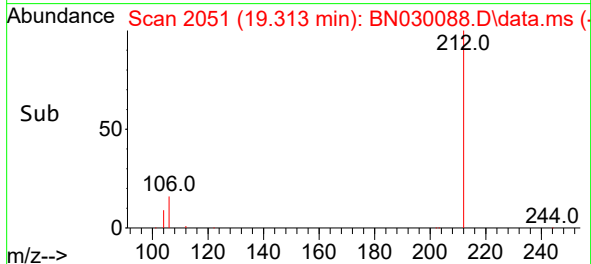
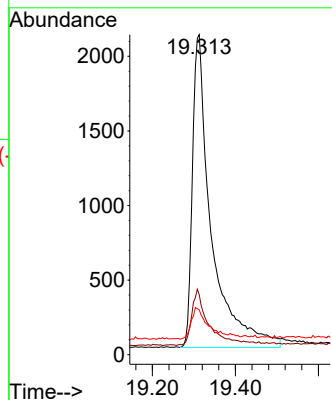
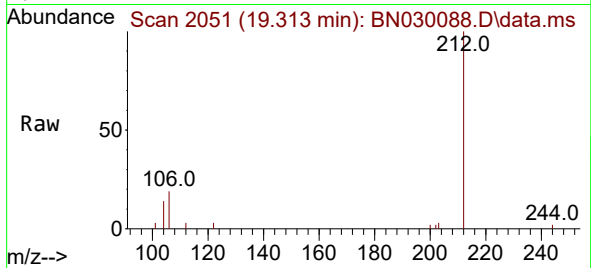




#27
Fluoranthene-d10
Concen: 0.474 ng
RT: 19.313 min Scan# 2051
Delta R.T. 0.023 min
Lab File: BN030088.D
Acq: 27 Feb 2024 11:40

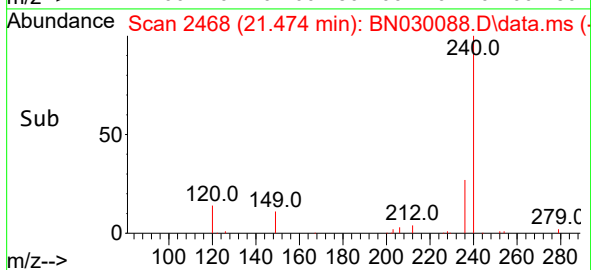
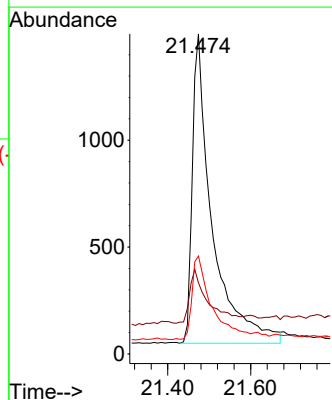
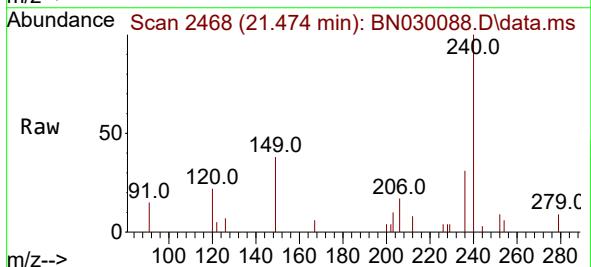
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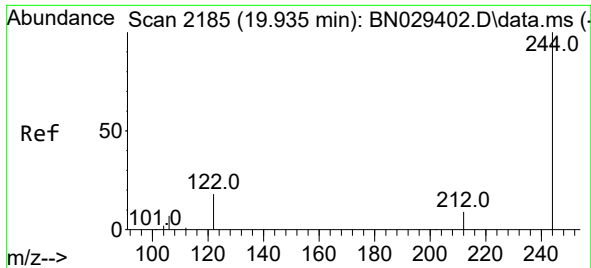
Tgt Ion:212 Resp: 6625
Ion Ratio Lower Upper
212 100
106 15.4 13.2 19.8
104 9.0 7.7 11.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.474 min Scan# 2468
Delta R.T. 0.018 min
Lab File: BN030088.D
Acq: 27 Feb 2024 11:40

Tgt Ion:240 Resp: 4789
Ion Ratio Lower Upper
240 100
120 22.2 16.7 25.1
236 30.6 23.9 35.9

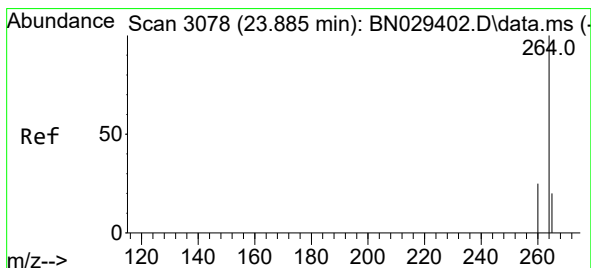
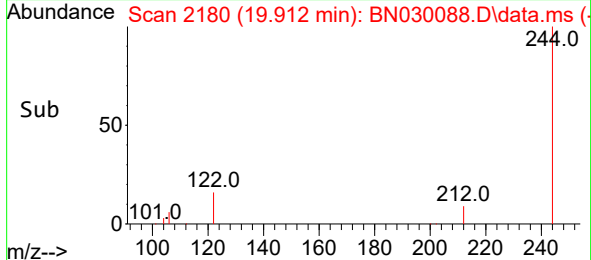
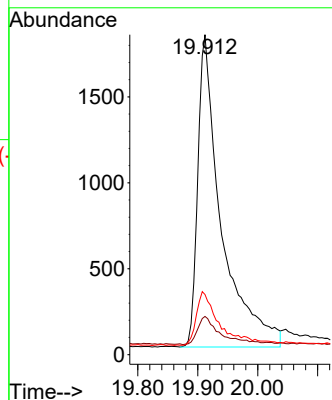
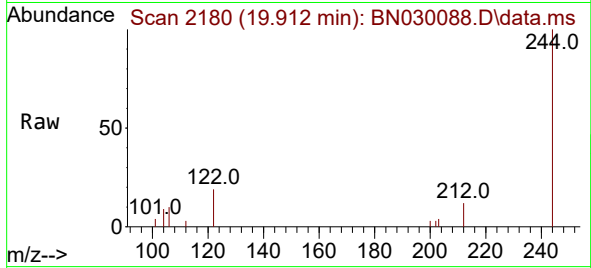




#31
Terphenyl-d14
Concen: 0.415 ng
RT: 19.912 min Scan# 2185
Delta R.T. 0.014 min
Lab File: BN030088.D
Acq: 27 Feb 2024 11:40

Instrument :
BNA_N
ClientSampleId :
PB159230BL

Tgt Ion:244 Resp: 4935
Ion Ratio Lower Upper
244 100
212 11.9 8.2 12.4
122 18.8 15.6 23.4



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.832 min Scan# 3060
Delta R.T. 0.012 min
Lab File: BN030088.D
Acq: 27 Feb 2024 11:40

Tgt Ion:264 Resp: 4509
Ion Ratio Lower Upper
264 100
260 28.0 21.2 31.8
265 116.7 41.5 62.3#

